



State of Washington
Application for a Water Right

Please follow the attached instructions to avoid unnecessary delays.

For Ecology Use

Fee Paid _____

Date _____

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Section 1. APPLICANT - PERSON, ORGANIZATION, OR WATER SYSTEM

Name **City of Goldendale; Attn: Keith Grundei – Public Works Director** Work Tel: (509) 773-5344

Mailing Address **1103 South Columbus Ave**

City **Goldendale** State **WA** Zip+4 **98620-9268**

FAX: (509) 773-5346

Section 2. CONTACT - PERSON TO CALL ABOUT THE APPLICATION

☒ Same as above

Name N/A Home Tel: (____) ____ - ____

Mailing Address _____ Work Tel: (____) ____ - ____

City _____ State _____ Zip+4 _____ + _____ FAX: (____) ____ - ____

Relationship to applicant: **same**

Section 3. STATEMENT OF INTENT

The applicant requests a permit to use not more than **3.0** (☐ gallons per minute or ☒ cubic feet per second) from a ☒ surface water source or ☐ ground water source (check only one) for the purpose(s) of supply for the **City of Goldendale's proposed Aquifer Storage and Recovery (ASR) Program**.

ATTACH A "LEGAL" DESCRIPTION OF THE PLACE OF USE. (See instructions.) NOTE: A tax parcel number or a plat number is not sufficient. **City of Goldendale's water service area as defined in the City's Water System Plan approved by Department of Health**

Estimate a maximum annual quantity to be used in acre-feet per year: **600**

☐ Check if the water use is proposed for a short-term project.

Indicate the period of time that the water will be needed: From **December 1st to June 1st, annually**

Section 4. WATER SOURCE

If SURFACE WATER						If GROUNDWATER		
Name the water source and indicate if stream, spring, lake, etc. If unnamed, write "unnamed spring," "unnamed stream," etc.: Simcoe Mountain Springs – collectively including Emerson Springs, Jim Shaw Canyon Springs, Pipeline Canyon Springs, Rockwell Spring, Big Spring, and unnamed springs.						A permit is desired for 0 well(s).		
Number of diversions: 8								
Source flows into (name of body of water): Little Klickitat River						Size & depth of well(s):		
LOCATION								
Enter the north-south and east-west distances in feet from the point of diversion or withdrawal to the nearest section corner: See Attachment A for spring locations.								
¼ of	¼ of	Section	Township	Range(E/W)	County	If location of source is platted, complete below:		
						Lot	Block	Subdivision
S1/2	SW	22	6N	16	Klickitat			
W1/2	SE	21	6N	16	Klickitat			
SE	SE	21	6N	16	Klickitat			
--	NE	28	6N	16	Klickitat			
--	SW	15	6N	16	Klickitat			
N1/2	SE	16	6N	16	Klickitat			
S1/2	SW	16	6N	16	Klickitat			
--	N1/2	21	6N	16	Klickitat			
For Ecology Use Date Received: 1.20.2009 Priority Date: _____								
SEPA: Exempt/Not Exempt FERC License # _____ Dept. Of Health # _____								
Date Accepted As Complete _____ By _____ Date Returned _____ By _____ WRIA: 30 Klickitat								

Section 5. GENERAL WATER SYSTEM INFORMATION

A. Name of system, if named: **City of Goldendale**

B. Briefly describe your proposed water system.

The City of Goldendale's Water System Plan was updated in May 2004. At the time the Plan was updated, the water system has 1,379 connections including residential, commercial, and a range of other uses. The largest single water user is the Goldendale Energy Facility, located on the south end of the City. The City has three water supply sources, including the Simcoe Mountain Springs, Chlorination Station Well, and Basse Well Field.

The City of Goldendale current Water System Plan projects a deficit in water rights within its 20-year planning horizon, so additional water supply capacity will need to be developed. The intent of this application is to obtain a permit for a seasonal diversion from the City's Simcoe Springs water source as part of a proposed Aquifer Storage and Recovery (ASR) Program to meet the City's projected deficit and provide additional flexibility for managing its water supply. The concept for applying ASR as part of the City of Goldendale's water system would be to store seasonally surplus water from the City's Simcoe Springs water supply source in a subsurface reservoir (aquifer) via an existing or newly constructed well within the City's water service area. As part of the ASR program, the City may choose to improve the spring collection facilities. The stored water would subsequently be recovered from the aquifer in the summer to help the City meet its peak municipal demand.

A preliminary feasibility study for application of ASR by City of Goldendale, including hydrogeologic, legal, environmental, and operational considerations, was completed by Aspect Consulting (City of Goldendale Aquifer Storage and Recovery Feasibility Assessment, Prepared for City of Goldendale, September 19, 2008). A recommendation of that feasibility study was to submit to Department of Ecology an application for a new seasonal water right for Simcoe Springs to be used as part of an ASR program. The recommendation was approved by the City of Goldendale City Council.

C. Do you already have any water rights or claims associated with this property or system? ☒ YES ☐ NO
PROVIDE DOCUMENTATION.

The City of Goldendale currently holds water rights with a combined maximum instantaneous flow rate (Qi) of 5,298 gallons per minute (gpm) and a combined annual volume (Qa) of 2,082 acre-feet per year (acre-ft/yr). The City has two water rights with additive (primary) annual quantities (Qa):

- An adjudicated water right (S4-79011) for some of the Simcoe Springs (Emerson, Jim Shaw, and Pipeline Springs) and the Chlorination Station well with a priority date of 1889. The water right has a maximum instantaneous flow rate (Qi) of 3.0 cfs (1,346 gallons per minute (gpm)) and a maximum annual volume (Qa) of 1,363 acre-feet per year (acre-ft/yr); and
- A combination of water rights (6503-A, 6504-A, 7093-A, G3-00400C, G3-20190C and G4-07507-A) for the Basse wellfield (Basse Wells #1 and #2) with priority dates between 1966 and 1972. The water rights have a maximum instantaneous flow rate (Qi) of 1,425 gpm and a maximum annual volume of 719.2 acre-ft/yr.

In addition, the City of Goldendale has the following water rights with additive instantaneous quantities but non-additive annual quantities:

- An adjudicated water right (S4-79063) for specific Simcoe Springs (Big, Rockwell, and Butler Springs) and the Chlorination Station well with a priority date of 1931. The water right has a maximum instantaneous flow rate (Qi) of 0.51 cfs (229 gpm);
- An adjudicated water right (S4-79066) for the Chlorination Station well with a priority date of 1939. The water right has a maximum instantaneous flow rate (Qi) of 449 gpm;
- An adjudicated water right (S4-79076) for the Chlorination Station well with a priority date of 1958. The water right has a maximum instantaneous flow rate (Qi) of 449 gpm that is conditional (non-additive) to Goldendale Golf Club's diversion from Bloodgood Creek (269 gpm). When the Golf Club is diverting, the City is limited to 180 gpm use under this right; and
- A certificated water right (G3-20076C) for the Third Street well with a priority date of 1972. The water right has a maximum instantaneous flow rate (Qi) of 1,400 gpm.

Section 6. DOMESTIC / PUBLIC WATER SUPPLY SYSTEM INFORMATION
(Completed for all domestic/public supply uses.)

- A. Number of "connections" requested: **All connections within the City water service area as defined by the Water System Plan approved by Department of Health.** Type of connection **Municipal Supply**
(Homes, Apartment, Recreational, etc.)
- B. Are you within the area of an approved water system? ☒ YES ☐ NO
If yes, explain why you are unable to connect to the system. *Note: Regional water systems are identified by your County Health Department.*

Complete C. and D. only if the proposed water system will have fifteen or more connections.

- C. Do you have a current water system plan approved by the Washington State Department of Health? ☒ YES ☐ NO
If yes, when was it approved? **Updated May 2004** Please attach the current approved version of your plan.
- D. Do you have an approved conservation plan? ☒ YES ☐ NO
If yes, when was it approved? **Updated May 2004** Please attach the current approved version of your plan.

Section 7. IRRIGATION/AGRICULTURAL/FARM INFORMATION
(Complete for all irrigation and agriculture uses.)

- A. Total number of acres to be irrigated: N/A
- B. List total number of acres for other specified agricultural uses:
- | | |
|-----------|-------------|
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
- C. Total number of acres to be covered by this application: _____
- D. Family Farm Act (Initiative Measure Number 59, November 3, 1977, as amended by Chapter 237, Laws of 2001)
Add up the acreage in which you have a controlling interest, including only:
‡ Acreage irrigated under water rights acquired after December 8, 1977;
‡ Acreage proposed to be irrigated under this application;
‡ Acreage proposed to be irrigated under other pending application(s).
1. Is the combined acreage greater than 6000 acres? ☐ YES ☐ NO
2. Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO
If yes, enter permit no: _____
- E. Farm uses:
Stockwater - Total # of animals _____ Animal type _____ (If dairy cattle, see below)
Dairy - # Milking _____ # Non-milking _____

Section 8. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water?

☒ YES ☐ NO

The Simcoe Mountain Springs are currently hooked into the City's existing water distribution system which includes a pair of existing surface reservoirs. In addition, the City is evaluating use of ASR involving subsurface storage in the Wanapum Basalt Aquifer system. As a part of the ASR program and as required by RCW 90.03.370, an ASR reservoir permit application would be submitted to Ecology per Chapter 173-157 WAC.

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point, and some portion of the storage will be above grade, you must also apply for a reservoir permit. You can get a reservoir permit application from the Department of Ecology.

Section 9. DRIVING DIRECTIONS

Provide detailed driving instructions to the project site.

The Simcoe Mountain Springs are located in a secured remote location north of the City of Goldendale high in the Simcoe Mountains. Please contact the City of Goldendale for access and an escort to the site(s).

Section 10. REQUIRED MAP

A. Attach a map of the project. (See instructions.)

See Attachment A.

Section 11. PROPERTY OWNERSHIP

A. Does the applicant own the land on which the water will be used? ☐ YES ☒ NO
If no, explain the applicant's interest in the place of use and provide the name(s) and address(es) of the owner(s):

The place of use is the City of Goldendale's water service area.

B. Does the applicant own the land on which the water source is located? ☒ YES ☐ NO
If no, submit a copy of agreement:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though I may have been assisted in the preparation of the above application by the employees of the Department of Ecology, all responsibility for the accuracy of the information rests with me.



Applicant (or authorized representative)

Date

SAME

Landowner for place of use (if same as applicant, write "same")

Date